

Diaper Size Projections

Procurement

Friday, March 24, 2023



Welcome and Introduction



Agenda

- Overview of Diaper Sizing
- Importance of Projections
- Data Collection & Maintenance
- Vendor Communication

Diaper Size	Weight	Age Range	Daily Use
Preemie	< 6 lbs.	premature	As needed
Newborn	Up to 10 lbs.	first few weeks only	8–12 diapers per day
Size 1	8–14 lbs.	birth–4 months	8–10 diapers per day
Size 2	12–18 lbs.	3–8 months	8–9 diapers per day
Size 3	16–28 lbs.	5–24 months	6–7 diapers per day
Size 4	22–37 lbs.	18–36 months	5–7 diapers per day
Size 5	> 27 lbs.	Older than 3 years	As needed
Size 6	> 35 lbs.	Older than 4 years	As needed

Importance of Projections

- Vendor communication and negotiation
- Decreasing deliveries from vendors
- Responsiveness to distribution partners needs
- Financial and cost implications





Data Collection

- Understanding distribution sites needs
 - How many diapers provided per child?
 - How many children will be served per month?
 - Starting sizes of the children being served
 - Frequency of delivery
- Aggregating those needs
- Buffer

Data Maintenance

- Inventory Tracking
- Monthly Reviews



Size Projections by Month

	Nov 2022			Dec 2022			Average
	Projections	Actual		Projections	Actual		
Size 2/Small	170	188	(20%)	180	100	(11%)	15%
Size 3/Medium	200	223	(23%)	220	168	(19%)	21%
Size 4/Large	190	184	(19%)	190	138	(16%)	18%
Size 5/XLarge	350	160	(17%)	160	195	(22%)	19%
Size 6/XXLarge	350	205	(21%)	210	272	(31%)	26%
	1260	960		960	873		

	Partner #1		Partner #2		Partner #3		Partner #4	
	% Allocation*	6,466	% Allocation*	1,329	% Allocation*	1,063	% Allocation*	7,139
Size 2	9%	582	4%	53	39%	415	15%	1,398
Size 3	9%	582	5%	66	17%	181	21%	1,658
Size 4	10%	647	4%	53	12%	128	18%	1,368
Size 5	21%	1,358	27%	359	19%	202	19%	1,190
Size 6	51%	3,298	61%	811	13%	138	26%	1,524

	Available Inventory	Inbound Inventory	Needed Inventory	Difference	Avg Orders/Mon/Size	# of Months until Inventory is exhausted
Size 2	1,650	0	2,448	-798	408	4
Size 3	1,476	0	2,487	-1,011	415	4
Size 4	1,004	0	2,196	-1,192	366	3
Size 5	2,032	0	3,109	-1,077	519	4
Size 6	3,794	0	5,771	-1,977	962	4

Vendor Communication

The Three T's

- Transparent
- Timely
- Two-Way Street



Projecting Additional Items



Questions?

Thank You!



ADMINISTRATION FOR
CHILDREN & FAMILIES